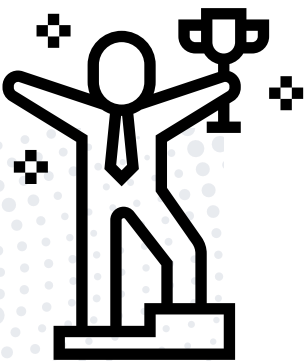**Web Based Research
Management System for Universities**

Client:

A reputed University in the United States who accept and certify qualified researchers across human ethics, animal care, bio hazard and radiation certifications.
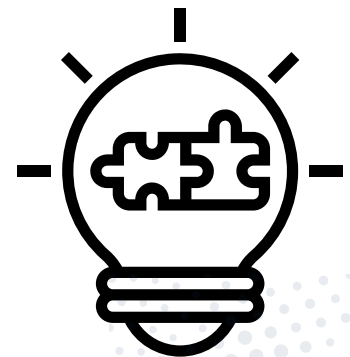
Business Challenge:

With overwhelming number of research papers coming in the university urgently required efficient software system to process them all. Also the university wanted the approval process to be transparent, trackable and secured research management system that enables access across their team.

Solution Delivered:

After going through their requirement and business challenge CG VAK Proposed a centralized data driven system to manage the process effectively across their team with different levels of approval and permissions. Our proposed Research Management System included the following modules:

❱ **The Awards Management** includes the details of the project type, team information, and funding ideas it also includes documents, logs, events and other custom data related to the research. Using the Award management module different levels of signing authorities can review and approve the research, once the top authority approves the project it's considered complete.

➤ **The Certification Management** deals more on the regulatory compliances for the research and hence allows the compliance office and research office to track events and review renewals. The approval process in this section is very similar to the Awards management.

➤ **The Researcher Management** is for the researchers who can use the module to submit their research. Researchers can add the research paper along with any other source of information to support the research. Once the project is submitted the researcher can see the process and different levels of approval, in case of rejection the researcher can analyze the reason and submit it once more for validation.

Business Benefits:

By in large the CGVAK's Research Management System helped our customer to create a systematic process that can be tracked and monitored by different levels of authorities. Furthermore, our customer's business was directly benefited in the following ways:

✓ Made the submission process easier for the researchers

✓ Created a **transparent system** for the researchers

✓ Overall **approval time reduced by 47%**

✓ Internal Search feature **improved data access**

✓ **Automated Reporting system** improved easy monitoring and provided sufficient data to improve

✓ Removed paper work completely achieving a **print free process**

✓ Overall efficiency and speed of the process enabled **supporting more researchers** on time

✓ Usage of Next-Gen technologies assured a highly secured system

Technologies Used:

Laravel   Mysql   Jquery   javascript

Are you looking to outsource your Web App Development requirements? Get in touch with us to know how CG VAK can help you improve your business ROI.

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